WORKING GROUP MEETING
THURSDAY MARCH 29, 2001

SWANSEA RECREATION CENTER
2659 EAST 49TH AVENUE
9:00 AM-1:00 PM

BACKGROUND & OBJECTIVES:

Baseline Risk Assessment for Operable Unit 1: At the last working group meeting on February 1, 2001, EPA presented the final risk calculations for arsenic in residential soils. Based on discussions at that meeting, EPA revised these calculations to add the predicted lifetime dose from eating home grown garden vegetables to the predicted lifetime dose from soil and dust ingestion. The combined dose and associated risk have been calculated for each residence where soil data was collected.

Lead is also a chemical of concern for Operable Unit 1. At the February 1, 2001 meeting, the revised risk calculations for lead in residential soils were not completed. This was because key data on the relative bioavailability of lead in soils was not available. Since then, EPA completed the site-specific study on lead bioavailability.

EPA's first objective for this meeting is to inform the working group of revisions to the risk assessment, including (1) the methodology for combining exposure pathways, (2) revised risk calculations for arsenic in residential soils and (3) the results of study on the bioavailability of lead in site soils.

Pilot Scale Soil Characterization Study: EPA developed a project plan in September, 1999 for this study. The purpose of the study is to investigate whether the source of arsenic in residential soils can be identified by measuring and then comparing the physical and chemical characteristics of residential soils and potential sources.

EPA acquired samples of three potential source materials: PAX herbicide, ACME Arsenate of Lead pesticide, and soils collected from the Globe Plant. Samples of these materials and approximately 17 site soil samples were prepared and sent to three scientists for chemical and physical analysis. On March 16, 2001, EPA received the last data package for this study. All the data is currently being interpreted. EPA is planning a meeting to present the findings to the working group. In order for that meeting to be as productive as possible, some review of the study is necessary first.

EPA's second objective for this working group meeting is to provide a refresher on the study, present a table of the results of the total metals analysis of all the samples, and to present the questions that each scientist was asked to address. This information will get the working group ready for the presentation of results by the scientists at a later meeting.

PROPOSED AGENDA ITEMS

1. Community Issues **(9:00 - 10:00)**

2. Lead Risk Assessment **(10:00-10:30)**

EPA completed a study on the relative bioavailability of lead in site. A summary of the results will be presented to the working group.

BREAK **(10:30-10:45)**

3. Arsenic Risk Assessment **(10:45-11:15)**

EPA revised the arsenic risk calculations to add the vegetable ingestion and soil/dust ingestion pathways. A summary of the results will be presented to the working group.

- Cancer risks from chronic exposure
- Non-cancer risks from short term exposure
- Schedule for technical meetings: If there is interest, EPA is willing to have more detailed discussions about any aspect of the risk assessment. Potential dates for technical meetings are April 3, 9,10, 12 or 13.

5. ATSDR Activities **(11:15- 11:40)**

6. Pilot Scale Soil Characterization Review **(11:40 - 12:30)**

7. Schedule Update for Operable Unit 1 Activities **(12:30 - 12:45)**

- Completion of the Remedial Investigation/Feasibility Study
- Consideration of Environmental Justice in the Clean up Decision

8. Summary of Operable Unit 2 Activities **(12:45 - 1:00)**